

IAP7 Rec'd PCT/PTO 10 JUL 2006

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

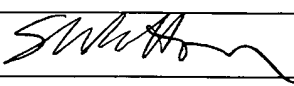
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<h1 style="text-align: center;">TRANSMITTAL FORM</h1> <p style="text-align: center;">(to be used for all correspondence after initial filing)</p>		Application Number	10/547,944-Conf. #6463
		Filing Date	September 6, 2005
		First Named Inventor	Thomas M. Frimurer
		Art Unit	N/A
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission		Attorney Docket Number	64082(45579)

## ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): Combined Declaration and Power of Attorney (4 pages) Part 2 Copy of Notice (2 pages) Assignment with Transmittal Cover Sheet (9 sheets) Return Receipt Postcard
<div style="border: 1px solid black; padding: 5px; min-height: 40px;">         Remarks       </div>		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	EDWARDS ANGELL PALMER & DODGE LLP		
Signature			
Printed name	Stephana E. Patton		
Date	July 10, 2006	Reg. No.	50,373

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<b>FEE TRANSMITTAL</b> <b>For FY 2006</b>		<b>Complete if Known</b>	
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number: 10/547,944-Conf. #6463 Filing Date: September 6, 2005 First Named Inventor: Thomas M. Frimurer Examiner Name: Not Yet Assigned Art Unit: N/A Attorney Docket No.: 64082(45579)	
<b>TOTAL AMOUNT OF PAYMENT</b> (\$) 170.00			


  

<b>METHOD OF PAYMENT</b> (check all that apply)	
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____	
<input checked="" type="checkbox"/> Deposit Account    Deposit Account Number: 04-1105    Deposit Account Name: Edwards Angell Palmer & Dodge LLP	
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input checked="" type="checkbox"/> Charge fee(s) indicated below	<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17	<input checked="" type="checkbox"/> Credit any overpayments

<b>FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)</b>							
<b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>							
Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
<b>2. EXCESS CLAIM FEES</b>							
						<b>Small Entity</b>	
<b>Fee Description</b>						<b>Fee (\$)</b>	<b>Fee (\$)</b>
Each claim over 20 (including Reissues)						50	25
Each independent claim over 3 (including Reissues)						200	100
Multiple dependent claims						360	180
<b>Total Claims</b>		<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	<b>Multiple Dependent Claims</b>		
43		- 43 =	x	=			
HP = highest number of total claims paid for, if greater than 20.							
<b>Indep. Claims</b>		<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>			
1		- 3 =	x	=			
HP = highest number of independent claims paid for, if greater than 3.							
<b>3. APPLICATION SIZE FEE</b>							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>			<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	
	- 100 =	/50			(round up to a whole number) x		
<b>4. OTHER FEE(S)</b>							
Non-English Specification, \$130 fee (no small entity discount)							
Other (e.g., late filing surcharge): 1051 Surcharge-Late oath or declaration						130.00	
8021 National Stage recording each patent assignment, ...						40.00	

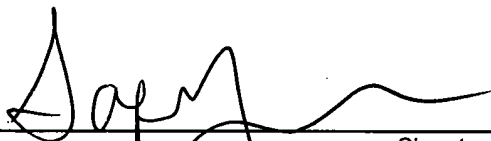
<b>SUBMITTED BY</b>			
Signature		Registration No. (Attorney/Agent)	50,373
Name (Print/Type)	Stephana E. Patton	Telephone	(617) 439-4444
		Date	July 10, 2006

## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV 755075166 US in an envelope addressed to:

MS Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on July 10, 2006  
Date



Signature

Safiya Jarvis

Typed or printed name of person signing Certificate

Registration Number, if applicable

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal (1 page)  
Fee Transmittal (1 page)  
Response to Notice to File Missing Parts of Application (2 pages)  
Part 2 Copy of Notice (2 pages)  
Combined Declaration and Power of Attorney (4 pages)  
Assignment with Transmittal Cover Sheet (8 sheets)  
Charge \$170.00 to deposit account 04-1105  
Return Receipt Postcard

Docket No.: 64082(45579)  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Thomas M. Frimurer et al.

Application No.: 10/547,944

Filed: September 6, 2005

For: PSEUDO-SEQUENCE METHOD FOR  
COMPARING 7TM RECEPTORS WITH  
RESPECT TO THE PHYSICO-CHEMICAL  
PROPERTIES OF THEIR BINDING SITES

Confirmation No.: 6463

Art Unit: N/A

Examiner: Not Yet Assigned

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION**

MS Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notice to File Missing Parts of Application mailed June 22, 2006, Applicant respectfully submits a Combined Declaration and Power of Attorney, Assignment with Transmittal Sheet and Part 2 Copy of Notice.

Please charge our Deposit Account No. 04-1105 in the amount of \$170.00 covering the fees set forth in 37 CFR 1.16(f) and 1.21(h). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by


07/14/2006 MKAYPAGH 00000007 041105 10547944

01 FC:1617 130.00 DA

this firm) to our Deposit Account No. 04-1105, under Order No. 64082(45579). A duplicate copy of this paper is enclosed.

Dated: July 10, 2006

Respectfully submitted,

By 

Stephana E. Patton

Registration No.: 50,373

EDWARDS ANGELL PALMER & DODGE  
LLP

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Boston, Massachusetts 02205

(617) 439-4444

Attorneys/Agents For Applicant

PFC/SEP

64082 (45579)

Page 1 of 2

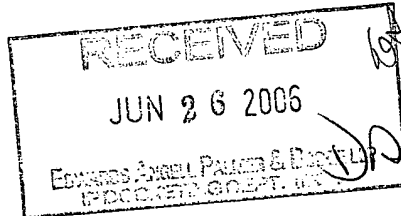
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## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/547,944	THOMAS MICHAEL FRIMURER	64082(45579)

21874  
EDWARDS & ANGELL, LLP  
P.O. BOX 55874  
BOSTON, MA 02205



INTERNATIONAL APPLICATION NO.	
PCT/DK04/00148	
I.A. FILING DATE	PRIORITY DATE
03/05/2004	03/07/2003

**CONFIRMATION NO. 6463**  
**371 FORMALITIES LETTER**



\*OC000000019369372\*

Date Mailed: 06/22/2006

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 09/06/2005
- Copy of the International Search Report filed on 09/06/2005
- Copy of IPE Report filed on 09/06/2005
- Preliminary Amendments filed on 09/06/2005
- Request for Immediate Examination filed on 09/06/2005
- U.S. Basic National Fees filed on 09/06/2005
- Specification filed on 09/06/2005
- Claims filed on 09/06/2005
- Abstracts filed on 09/06/2005
- Drawings filed on 09/06/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice **MUST** be returned with the response.

DARRELL C COTTMAN

Telephone: (703) 308-9140 EXT 203

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/547,944	PCT/DK04/00148	64082(45579)

FORM PCT/DO/EO/905 (371 Formalities Notice)